

JUN 06 2003 2:31PM

LAW OFFICE OF HUGH P. GORTLER

949-454-0898

P. 1

HEWLETT-PACKARD COMPANY
 Intellectual Property Administration
 P. O. Box 272400
 Fort Collins, Colorado 80527-2400

PATENT APPLICATION

ATTORNEY DOCKET N . 10991744-4

IN THE
 UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Janice Nickel

Confirmation No.: 8131

Application No.: 09/981,277

Examiner: M. Lewis

Filing Date: 10/17/2001

Group Art Unit: 2822

Title: SPIN DEPENDENT TUNNELING JUNCTIONS INCLUDING FERROMAGNETIC LAYERS
 HAVING FLATTENED PEAKS

Commissioner for Patents
 PO Box 1450
 Alexandria, VA 22313-1450

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TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT

Sir:

TECHNOLOGY CENTER 2800

Transmitted herewith is/are the following in the above-identified application:

<input checked="" type="checkbox"/> Response/Amendment	<input checked="" type="checkbox"/> Petition to extend time to respond
<input type="checkbox"/> New fee as calculated below	<input type="checkbox"/> Supplemental Declaration
<input type="checkbox"/> No additional fee (Address envelope to "Mail Stop Non-Fee Amendment")	
<input checked="" type="checkbox"/> Other: Credit card payment form for extension fee (fee \$ <u>110.00</u>)	

CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY						
(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3) NUMBER EXTRA	(4) HIGHEST NUMBER PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEES
TOTAL CLAIMS		MINUS		= 0	X \$18	\$ 0
INDEP. CLAIMS		MINUS		= 0	X \$84	\$ 0
I] FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM				+ \$280		\$ 0
EXTENSION FEE	1ST MONTH \$110.00	2ND MONTH \$410.00	3RD MONTH \$930.00	4TH MONTH \$1450.00		\$ 0
					OTHER FEES	\$
						\$ 0

Charge \$ 0 to Deposit Account 08-2025. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 08-2025 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 08-2025 under 37 CFR 1.16, 1.17, 1.19, 1.20 and 1.21. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

I hereby certify that this paper is being transmitted
 to the Patent and Trademark Office facsimile
 number (703) 872-8318 on 8/6/2003
 Number of pages: 12

Typed Name: Hugh P. GortlerSignature: Hugh P. Gortler

Janice Nickel

By

Hugh P. Gortler

Attorney/Agent for Applicant(s)
 Reg. No. 33,890

Date: 8/6/2003

Rev 05/03 (ThAmidFax)

- Attach as First Page to Transmitted Papers -

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#145
S-103

PATENT
PDNO 10991744-4

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
Janice Nickel

: Confirmation No. 8131

Serial No. 09/981,277
Filed: October 17, 2001

: Examiner: Monica Lewis
: Group Art Unit: 2822

For: SPIN DEPENDENT TUNNELING JUNCTIONS INCLUDING
FERROMAGNETIC LAYERS HAVING FLATTENED PEAKS

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Arlington, VA 22313-1450

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AMENDMENT

This amendment is filed in response to the office action dated February 6, 2003. The amendment includes a section for amendments to the claims, and a section for remarks.

The amendment adds claims 21-22. An added claims fee has not been incurred, since the total number of claims does not exceed twenty, and the number of independent claims does not exceed three.

Attached to this amendment is a petition for a one month extension of time. The petition extends the shortened statutory period for response from May 6, 2003 to June 6, 2003. Also attached is a credit card authorization, which covers the petition fee.